

## **ABSTRACT**

A system for automatically moving a stabilizer of a work vehicle is disclosed. A joystick is connected to an electronic controller, which in turn, is connected to valve drivers to drive stabilizer raising and lowering valves. In one mode of operation, the controller is programmed to move the stabilizers up or down at a rate that is proportional to the deflection of the joystick from a neutral position. If the operator holds the joystick in a certain position or range of positions, the controller enters a second mode in which it automatically raises the stabilizers even if the joystick is released. The stabilizer can be placed in a third mode of operation by moving the joystick rapidly back and forth. When the operator does this, the controller is configured to reduce the ramp rate or damping of its response to joystick movement.